

Datasheet for ABIN2777145

anti-Stanniocalcin 1 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Stanniocalcin 1 (STC1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Dog, Pig, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stanniocalcin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Stc1
Sequence:	EKIGPNMASL FHILQTDHCA QTHPRADFNR RRTNEPQKLK VLLRNLRGEG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Stc1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Stanniocalcin 1 (STC1)
Alternative Name:	Stc1 (STC1 Products)

Target Details

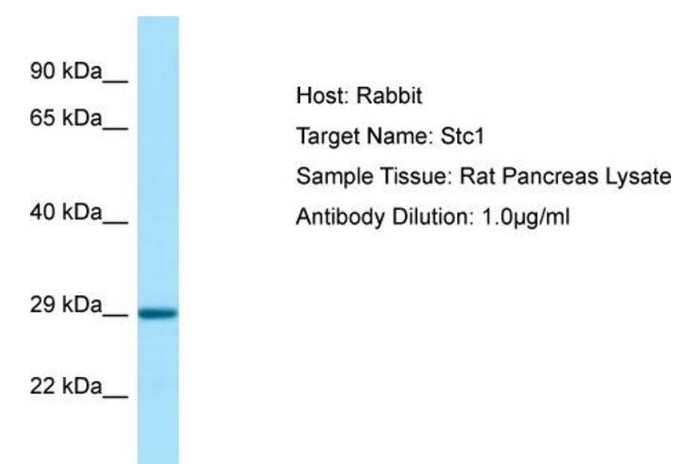
Background:	Stc1 is a calcium/phosphate-regulating protein and is involved in stimulating osteoblast differentiation. Alias Symbols: - Protein Size: 247
Molecular Weight:	27 kDa
Gene ID:	81801
NCBI Accession:	NM_031123 , NP_112385
UniProt:	P97574
Pathways:	Hormone Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 247 AA
Restrictions:	For Research Use only

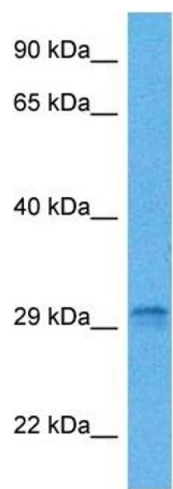
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Stc1 Antibody Titration: 1.0 ug/ml Positive Control: Rat Pancreas



Western Blotting

Image 2. Host: Mouse Target Name: STC1 Sample Tissue: Mouse Pancreas Antibody Dilution: 1ug/ml